

Award Recipient of the ENERGY STAR Challenge for Industry



HANES *Brands Inc*

HanesBrands Villanueva Sewing
Zip Buena Vista Industrial Park
Buildings CD-1 & CD-2
Villanueva, Cortes, Honduras

The HanesBrands Villanueva, Honduras sewing complex (also known as Confecciones del Valle) began operations in 1992 and manufactures bras and other innerwear apparel. Villanueva Sewing achieved the ENERGY STAR Challenge for Industry in 2011, reducing energy usage intensity by 24.1% within 3 years of its 2008 baseline.

The Villanueva Sewing complex achieved the ENERGY STAR Challenge for Industry through the implementation of several energy efficiency projects, including the following:

- Installation of new air conditioning units and automated controls.
- Review of electrical loading and distribution to optimize transformer use.
- Completion of major lighting upgrades:
 - Replacing dated T12 fluorescent fixtures with high-efficiency T8 high-bay fixtures.
 - Installing motion sensors / lighting controls in applicable areas.
 - Surveying and removing surplus light fixtures where no longer needed.
- Replacement of standard electric motors with premium efficiency electric motors.
- Multiple actions to optimize compressed air consumption.

The energy intensity reductions achieved by the HanesBrands Villanueva Sewing facility have resulted in an annualized source energy avoidance of 6,393 MMBtu in 2011.

HanesBrands maintains a comprehensive corporate energy management program aligned with ENERGY STAR principles. Under this program the Villanueva Sewing facility has progressively applied good energy practices to include goal setting, energy benchmarking, energy use tracking, and energy reduction activities targeted to include employees on all levels.

For more information contact:
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